Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:SSPTAMEN1774

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JAN 02	STN pricing information for 2008 now available
NEWS	3	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS	4	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS	5	JAN 28	MARPAT searching enhanced
NEWS	6	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS	7	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS	8	JAN 28	MEDLINE and LMEDLINE reloaded with enhancements
NEWS	9	FEB 08	STN Express, Version 8.3, now available
NEWS	10	FEB 20	PCI now available as a replacement to DPCI
NEWS	11	FEB 25	IFIREF reloaded with enhancements
NEWS	12	FEB 25	IMSPRODUCT reloaded with enhancements
NEWS	13	FEB 29	WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification
NEWS	14	MAR 31	IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats
NEWS	15	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS	16	MAR 31	CA/CAplus and CASREACT patent number format for U.S. applications updated
NEWS	17	MAR 31	LPCI now available as a replacement to LDPCI
NEWS	18	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	19	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	20	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	21	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	22	APR 28	IMSRESEARCH reloaded with enhancements
NEWS	23	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS	24	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option

NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 11:30:32 ON 31 MAY 2008

=> file registry
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 0.21 0.21

FILE 'REGISTRY' ENTERED AT 11:30:51 ON 31 MAY 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 30 MAY 2008 HIGHEST RN 1024110-44-8
DICTIONARY FILE UPDATES: 30 MAY 2008 HIGHEST RN 1024110-44-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=> e dpavbi
E1 2 DPAU20/BI
E2 3 DPAV/BI
E3 1 --> DPAVBI/BI
E4 2 DPAX/BI
E5 2 DPAX10/BI
E6 2 DPAX258/BI
E7 33 DPB/BI
E8 1 DPB*9701/BI
E9 179 DPB1/BI
E10 6 DPB1*01/BI
E11 2 DPB1*0101/BI
E12 3 DPB1*010101/BI

=> d e3
NO L# DEFINED

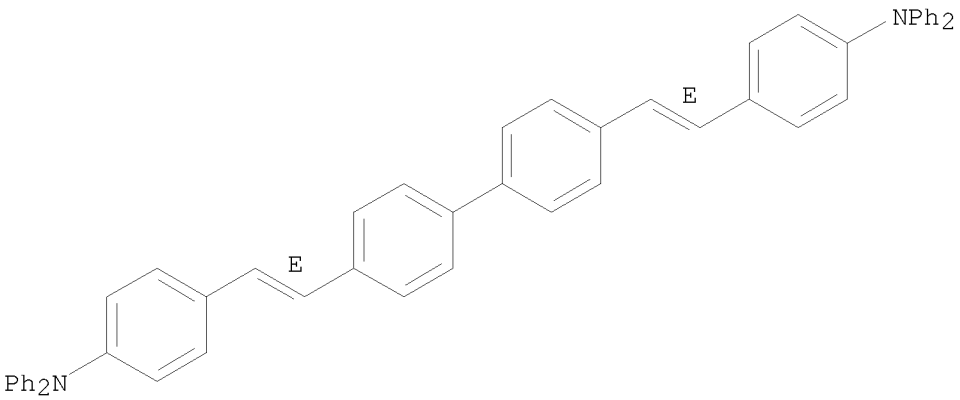
=> s e3
L1 1 DPAVBI/BI

=> d l1

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN

RN 523977-57-3 REGISTRY
ED Entered STN: 02 Jun 2003
CN Benzenamine, 4,4'-[[1,1'-biphenyl]-4,4'-diyldi-(1E)-2,1-ethenediyl]bis[N,N-diphenyl- (CA INDEX NAME)
OTHER NAMES:
CN DPAVBi
FS STEREOSEARCH
MF C52 H40 N2
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPAT2, USPATFULL

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

22 REFERENCES IN FILE CA (1907 TO DATE)
23 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d l1 prop

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN

Predicted Properties (PPROP)

PROPERTY (CODE)	VALUE	CONDITION	NOTE
Bioconc. Factor (BCF)	1000000.0	pH 1 25 deg C	(1)
Bioconc. Factor (BCF)	1000000.0	pH 2 25 deg C	(1)
Bioconc. Factor (BCF)	1000000.0	pH 3 25 deg C	(1)
Bioconc. Factor (BCF)	1000000.0	pH 4 25 deg C	(1)
Bioconc. Factor (BCF)	1000000.0	pH 5 25 deg C	(1)
Bioconc. Factor (BCF)	1000000.0	pH 6 25 deg C	(1)
Bioconc. Factor (BCF)	1000000.0	pH 7 25 deg C	(1)
Bioconc. Factor (BCF)	1000000.0	pH 8 25 deg C	(1)
Bioconc. Factor (BCF)	1000000.0	pH 9 25 deg C	(1)
Bioconc. Factor (BCF)	1000000.0	pH 10 25 deg C	(1)
Boiling Point (BP)	839.6+/-65.0 deg C	760 Torr	(1)
Density (DEN)	1.187+/-0.06 g/cm**3	20 deg C	(1)
		760 Torr	
Enthalpy of Vap. (HVAP)	122.01+/-3.0 kJ/mol	760 Torr	(1)
Flash Point (FP)	362.3+/-22.1 deg C		(1)

Freely Rotatable Bonds (FRB)	11		(1)
H acceptors (HAC)	2		(1)
H donors (HD)	0		(1)
Hydrogen Donors/Acceptors Sum (HDAS)	2		(1)
Koc (KOC)	10000000.0	pH 1 25 deg C	(1)
Koc (KOC)	10000000.0	pH 2 25 deg C	(1)
Koc (KOC)	10000000.0	pH 3 25 deg C	(1)
Koc (KOC)	10000000.0	pH 4 25 deg C	(1)
Koc (KOC)	10000000.0	pH 5 25 deg C	(1)
Koc (KOC)	10000000.0	pH 6 25 deg C	(1)
Koc (KOC)	10000000.0	pH 7 25 deg C	(1)
Koc (KOC)	10000000.0	pH 8 25 deg C	(1)
Koc (KOC)	10000000.0	pH 9 25 deg C	(1)
Koc (KOC)	10000000.0	pH 10 25 deg C	(1)
LOGD (LOGD)	16.25	pH 1 25 deg C	(1)
LOGD (LOGD)	16.25	pH 2 25 deg C	(1)
LOGD (LOGD)	16.25	pH 3 25 deg C	(1)
LOGD (LOGD)	16.25	pH 4 25 deg C	(1)
LOGD (LOGD)	16.25	pH 5 25 deg C	(1)
LOGD (LOGD)	16.25	pH 6 25 deg C	(1)
LOGD (LOGD)	16.25	pH 7 25 deg C	(1)
LOGD (LOGD)	16.25	pH 8 25 deg C	(1)
LOGD (LOGD)	16.25	pH 9 25 deg C	(1)
LOGD (LOGD)	16.25	pH 10 25 deg C	(1)
LOGP (LOGP)	16.248+/-0.501	25 deg C	(1)
Mass Intrinsic Solubility (ISLB.MASS)	0.00000000021 g/L	25 deg C	(1)
Mass Solubility (SLB.MASS)	0.00000000021 g/L	pH 1 25 deg C	(1)
Mass Solubility (SLB.MASS)	0.00000000021 g/L	pH 2 25 deg C	(1)
Mass Solubility (SLB.MASS)	0.00000000021 g/L	pH 3 25 deg C	(1)
Mass Solubility (SLB.MASS)	0.00000000021 g/L	pH 4 25 deg C	(1)
Mass Solubility (SLB.MASS)	0.00000000021 g/L	pH 5 25 deg C	(1)
Mass Solubility (SLB.MASS)	0.00000000021 g/L	pH 6 25 deg C	(1)
Mass Solubility (SLB.MASS)	0.00000000021 g/L	pH 7 25 deg C	(1)
Mass Solubility (SLB.MASS)	0.00000000021 g/L	pH 8 25 deg C	(1)
Mass Solubility (SLB.MASS)	0.00000000021 g/L	pH 9 25 deg C	(1)
Mass Solubility (SLB.MASS)	0.00000000021 g/L	pH 10 25 deg C	(1)
Mass Solubility (SLB.MASS)	0.00000000021 g/L	Unbuffered Water, pH 7.00, 25 deg C	(1)
Molar Intrinsic Solubility (ISLB.MOL)	0.00000000000030 mol/L	25 deg C	(1)
Molar Solubility (SLB.MOL)	0.00000000000030 mol/L	pH 1 25 deg C	(1)
Molar Solubility (SLB.MOL)	0.00000000000030 mol/L	pH 2 25 deg C	(1)
Molar Solubility (SLB.MOL)	0.00000000000030 mol/L	pH 3 25 deg C	(1)
Molar Solubility (SLB.MOL)	0.00000000000030 mol/L	pH 4 25 deg C	(1)
Molar Solubility (SLB.MOL)	0.00000000000030 mol/L	pH 5 25 deg C	(1)
Molar Solubility (SLB.MOL)	0.00000000000030 mol/L	pH 6 25 deg C	(1)
Molar Solubility (SLB.MOL)	0.00000000000030 mol/L	pH 7 25 deg C	(1)
Molar Solubility (SLB.MOL)	0.00000000000030 mol/L	pH 8 25 deg C	(1)
Molar Solubility (SLB.MOL)	0.00000000000030 mol/L	pH 9 25 deg C	(1)
Molar Solubility (SLB.MOL)	0.00000000000030 mol/L	pH 10 25 deg C	(1)
Molar Solubility (SLB.MOL)	0.00000000000030 mol/L	Unbuffered Water, pH 7.00, 25 deg C	(1)
Molar Volume (MVOL)	583.4+/-3.0 cm**3/mol	20 deg C, 760 Torr	(1)
Molecular Weight (MW)	692.89		(1)
PKA (PKA)	-2.53+/-0.60	Most Basic, 25 deg C	(1)
Polar Surface Area (PSA)	6.48 A**2		(1)

Vapor Pressure (VP) |2.08E-28 Torr |25 deg C |(1)

(1) Calculated using Advanced Chemistry Development (ACD/Labs) Software V8.19 ((C) 1994-2008 ACD/Labs)

See HELP PROPERTIES for information about property data sources in REGISTRY.

```
=> e Balq
E1            2     BALPHA/BI
E2            2     BALPHAL/BI
E3            1 --> BALQ/BI
E4            1     BALQ3/BI
E5            2     BALRESIN/BI
E6            2     BALREZIT/BI
E7           11     BALS/BI
E8            1     BALSA/BI
E9            3     BALSAL/BI
E10           1     BALSALAZID/BI
E11           1     BALSALAZIDA/BI
E12           3     BALSALAZIDE/BI

=> s e3
L2            1 BALQ/BI

=> d l2 prop

L2   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2008 ACS on STN
```

Experimental Property Tags (ETAG)

PROPERTY	NOTE
Crystal Structure	(1) CAS
Electron Affinity	(2) CAS
Enthalpy	(1) CAS
Entropy	(1) CAS
Glass Transition Temperature	(3) CAS
Ionization Potential	(2) CAS
2 more tags shown in the MAX or ETAGFULL formats	
Molecular Structure	(1) CAS
Photoelectron Spectra	(4) CAS
Potential of Electrode Reaction	(5) CAS
1 more tag shown in the MAX or ETAGFULL formats	
UV and Visible Absorption Spectra	(6) CAS
2 more tags shown in the MAX or ETAGFULL formats	
UV and Visible Emission/Luminescence Spectra	(7) CAS
6 more tags shown in the MAX or ETAGFULL formats	

(1) Deaton, Joseph C.; Inorganica Chimica Acta 2008 V361(4) P1020-1035 CAPLUS
(2) Nishita, Nobuhiro; US 20070057630 A1 2007 CAPLUS
(3) D'Andrade, Brian W.; Applied Physics Letters 2003 V83(19) P3858-3860 CAPLUS
(4) Karlsson, H. S.; Journal of Vacuum Science & Technology, A: Vacuum, Surfaces, and Films 2002 V20(3) P762-765 CAPLUS
(5) D'Andrade, Brian W.; Organic Electronics 2005 V6(1) P11-20 CAPLUS
(6) Jin, Chang-qing; Faguang Xuebao 2004 V25(5) P541-545 CAPLUS
(7) Mori, Tatsuo; Journal of Photopolymer Science and Technology 2004

V17(2) P301-306 CAPLUS

See HELP PROPERTIES for information about property data sources in REGISTRY.

=> d l2 etagfull

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN

Experimental Property Tags (ETAG)

PROPERTY	NOTE
Crystal Structure	(1) CAS
Electron Affinity	(2) CAS
Enthalpy	(1) CAS
Entropy	(1) CAS
Glass Transition Temperature	(3) CAS
Ionization Potential	(2) CAS
Ionization Potential	(4) CAS
Ionization Potential	(5) CAS
Molecular Structure	(1) CAS
Photoelectron Spectra	(6) CAS
Potential of Electrode Reaction	(5) CAS
Potential of Electrode Reaction	(7) CAS
UV and Visible Absorption Spectra	(8) CAS
UV and Visible Absorption Spectra	(9) CAS
UV and Visible Absorption Spectra	(10) CAS
UV and Visible Emission/Luminescence Spectra	(9) CAS
UV and Visible Emission/Luminescence Spectra	(10) CAS
UV and Visible Emission/Luminescence Spectra	(11) CAS
UV and Visible Emission/Luminescence Spectra	(12) CAS
UV and Visible Emission/Luminescence Spectra	(13) CAS
UV and Visible Emission/Luminescence Spectra	(14) CAS
UV and Visible Emission/Luminescence Spectra	(1) CAS

(1) Deaton, Joseph C.; Inorganica Chimica Acta 2008 V361(4) P1020-1035 CAPLUS
(2) Nishita, Nobuhiro; US 20070057630 A1 2007 CAPLUS
(3) D'Andrade, Brian W.; Applied Physics Letters 2003 V83(19) P3858-3860 CAPLUS
(4) Tsuji, Taishi; EP 1308494 A2 2003 CAPLUS
(5) D'Andrade, Brian W.; Organic Electronics 2005 V6(1) P11-20 CAPLUS
(6) Karlsson, H. S.; Journal of Vacuum Science & Technology, A: Vacuum, Surfaces, and Films 2002 V20(3) P762-765 CAPLUS
(7) Kang, Jae-Wook; Journal of Materials Chemistry 2007 V17(35) P3714-3719 CAPLUS
(8) Jin, Chang-qing; Faguang Xuebao 2004 V25(5) P541-545 CAPLUS
(9) Mori, Tatsuo; Journal of Photopolymer Science and Technology 2004 V17(2) P301-306 CAPLUS
(10) Iwama, Yuki; Thin Solid Films 2006 V499(1-2) P364-368 CAPLUS
(11) Wu, Y. Z.; Applied Physics Letters 2003 V83(24) P5077-5079 CAPLUS
(12) van Gemmern, Philipp; Materials Research Society Symposium Proceedings 2006 V916(Solid-State Lighting Materials and Devices) P15-20 CAPLUS
(13) Kim, Mu-Hyun; Thin Solid Films 2007 V515(7-8) P4011-4015 CAPLUS
(14) Kanno, Hiroshi; Applied Physics Letters 2007 V90(12) P123509/1-123509/3 CAPLUS

See HELP PROPERTIES for information about property data sources in REGISTRY.

```
=>
=> e dapv
E1            8     DAPTRIUS/BI
E2            4     DAPTUS/BI
E3            0 --> DAPV/BI
E4            9     DAPX/BI
E5            2     DAPY/BI
E6            6     DAQ/BI
E7            2     DAQ2/BI
E8            4     DAQING/BI
E9            1     DAQINGSHANITE/BI
E10           1     DAQTEC/BI
E11           1     DAQUIM/BI
E12           1     DAQUIN/BI

=> e pavb
E1            1     PAVATRINE/BI
E2            1     PAVATRINEAT/BI
E3            3 --> PAVB/BI
E4            1     PAVCAPET/BI
E5            1     PAVCO/BI
E6            1     PAVD94/BI
E7            1     PAVD95/BI
E8            8     PAVE/BI
E9            1     PAVEBRITE/BI
E10           1     PAVECEF/BI
E11          10     PAVEL01/BI
E12          80     PAVEL05/BI

=> s e3
L3            3 PAVB/BI

=> d l3

L3   ANSWER 1 OF 3  REGISTRY  COPYRIGHT 2008 ACS on STN
RN   488174-61-4  REGISTRY
ED   Entered STN:  10 Feb 2003
CN   Readthrough domain (Barley yellow dwarf virus strain PAVb) (9CI)
     (CA INDEX NAME)
OTHER NAMES:
CN   GenBank AAK77217
CN   GenBank AAK77217 (Translated from: GenBank AY040344)
FS   PROTEIN SEQUENCE
MF   Unspecified
CI   MAN
SR   GenBank
LC   STN Files:   CA, CAPLUS

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
               1 REFERENCES IN FILE CA (1907 TO DATE)
               1 REFERENCES IN FILE CAPLUS (1907 TO DATE)


=> d l3 2-3

L3   ANSWER 2 OF 3  REGISTRY  COPYRIGHT 2008 ACS on STN
RN   488174-60-3  REGISTRY
ED   Entered STN:  10 Feb 2003
CN   Coat protein (Barley yellow dwarf virus strain PAVb) (9CI)  (CA
     INDEX NAME)
OTHER NAMES:
```

CN GenBank AAK77216
CN GenBank AAK77216 (Translated from: GenBank AY040344)
FS PROTEIN SEQUENCE
MF Unspecified
CI MAN
SR GenBank
LC STN Files: CA, CAPLUS

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
              1 REFERENCES IN FILE CA (1907 TO DATE)
              1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L3 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2008 ACS on STN
RN 349605-71-6 REGISTRY
ED Entered STN: 31 Jul 2001
CN DNA (Barley yellow dwarf virus strain PAVb coat protein plus
    readthrough domain cDNA) (9CI) (CA INDEX NAME)
OTHER NAMES:
CN GenBank AY040344
FS NUCLEIC ACID SEQUENCE
MF Unspecified
CI MAN
SR GenBank
LC STN Files: CA, CAPLUS, GENBANK

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
*** USE 'SQD' OR 'SQIDE' FORMATS TO DISPLAY SEQUENCE ***
              1 REFERENCES IN FILE CA (1907 TO DATE)
              1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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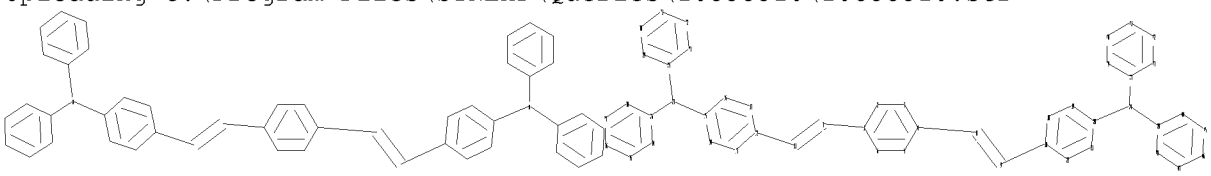


chain nodes :
7 8 9 11 23 24
ring nodes :
1 2 3 4 5 6 10 12 13 14 15 16 17 18 19 20 21 22 25 26 27 28
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48
chain bonds :
1-7 4-8 7-11 8-9 9-10 11-12 15-23 20-24 23-25 23-26 24-27 24-28
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 10-18 10-22 12-13 12-17 13-14 14-15 15-16
16-17 18-19 19-20 20-21 21-22 25-29 25-33 26-34 26-38 27-39 27-43 28-44
28-48 29-30 30-31 31-32 32-33 34-35 35-36 36-37 37-38 39-40 40-41 41-42
42-43 44-45 45-46 46-47 47-48
exact/norm bonds :
15-23 20-24 23-25 23-26 24-27 24-28

exact bonds :
1-7 4-8 7-11 8-9 9-10 11-12
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 10-18 10-22 12-13 12-17 13-14 14-15 15-16
16-17 18-19 19-20 20-21 21-22 25-29 25-33 26-34 26-38 27-39 27-43 28-44
28-48 29-30 30-31 31-32 32-33 34-35 35-36 36-37 37-38 39-40 40-41 41-42
42-43 44-45 45-46 46-47 47-48

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:Atom
11:CLASS 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 21:Atom 22:Atom 23:CLASS 24:CLASS 25:Atom 26:Atom 27:Atom 28:Atom
29:Atom 30:Atom 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom 37:Atom
38:Atom 39:Atom 40:Atom 41:Atom 42:Atom 43:Atom 44:Atom 45:Atom 46:Atom
47:Atom 48:Atom

L4   STRUCTURE UPLOADED

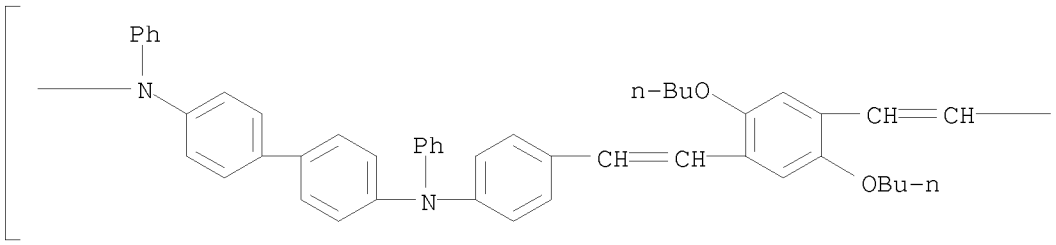
=> s l4 exa full
FULL SEARCH INITIATED 12:01:31 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   496 TO ITERATE

100.0% PROCESSED   496 ITERATIONS (22 INCOMPLETE)   24 ANSWERS
SEARCH TIME: 00.00.01

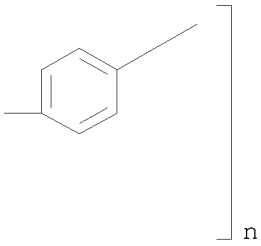
L5   24 SEA EXA FUL L4

=> d scan l5

L5   24 ANSWERS   REGISTRY COPYRIGHT 2008 ACS on STN
     ITERATION INCOMPLETE
IN   Poly[(phenylimino)[1,1'-biphenyl]-4,4'-diyl(phenylimino)-1,4-phenylene-1,2-
     ethenediyl(2,5-dibutoxy-1,4-phenylene)-1,2-ethenediyl-1,4-phenylene] (9CI)
MF   (C54 H50 N2 O2)n
CI   PMS



PAGE 1-B

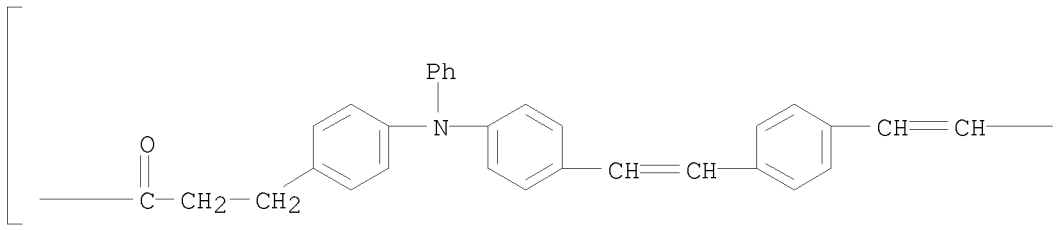


HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

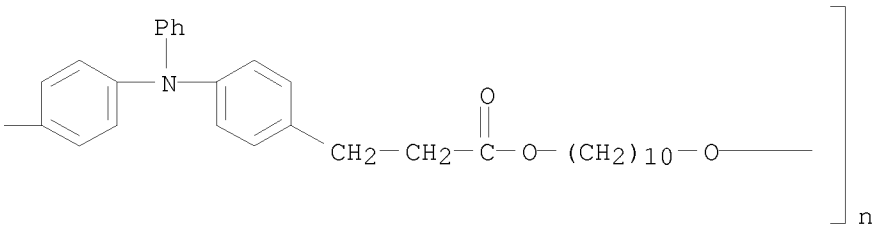
L5 24 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
ITERATION INCOMPLETE
IN Poly[oxy-1,10-decanediyloxy(1-oxo-1,3-propanediyl)-1,4-phenylene(phenylimino)-1,4-phenylene-1,2-ethenediyl-1,4-phenylene-1,2-ethenediyl-1,4-phenylene(phenylimino)-1,4-phenylene(3-oxo-1,3-propanediyl)] (9CI)
MF (C62 H62 N2 O4)n
CI PMS

RELATED POLYMERS AVAILABLE WITH POLYLINK

PAGE 1-A



PAGE 1-B

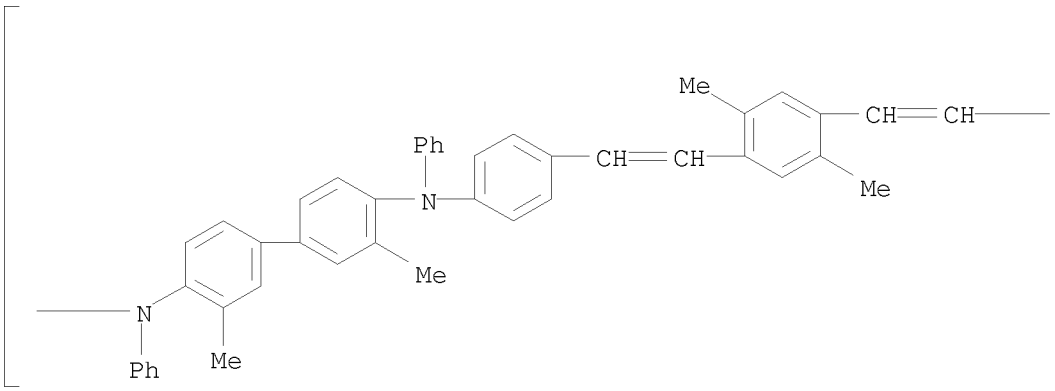


HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

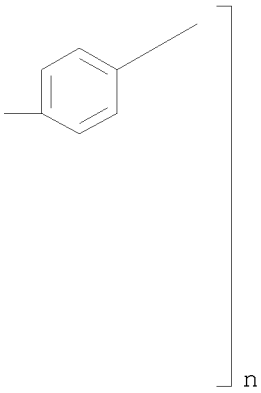
L5 24 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN
ITERATION INCOMPLETE
IN Poly[(phenylimino)(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)(phenylimino)-1,4-phenylene-1,2-ethenediyl(2,5-dimethyl-1,4-phenylene)-1,2-ethenediyl-1,4-phenylene] (9CI)
MF (C50 H42 N2)n

CI PMS

PAGE 1-A



PAGE 1-B



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):end

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	108.47	108.68

FILE 'CAPLUS' ENTERED AT 12:02:07 ON 31 MAY 2008

strictly prohibited.

FILE COVERS 1907 - 31 May 2008 VOL 148 ISS 23
FILE LAST UPDATED: 30 May 2008 (20080530/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/legal/infopolicy.html

=> d his

     (FILE 'HOME' ENTERED AT 11:30:32 ON 31 MAY 2008)

     FILE 'REGISTRY' ENTERED AT 11:30:51 ON 31 MAY 2008
                E DPAVBI
L1   1 S E3
                E BALQ
L2   1 S E3
                E DAPV
                E PAVB
L3   3 S E3
L4   STRUCTURE UPLOADED
L5   24 S L4 EXA FULL

     FILE 'CAPLUS' ENTERED AT 12:02:07 ON 31 MAY 2008

=> s l5
L6   150 L5

=> d l5 and mw<=1000
YOU HAVE REQUESTED DATA FROM FILE 'REGISTRY' - CONTINUE? (Y)/N:y

'AND' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual
fields or predefined formats. The predefined substance formats
are: (RN = CAS Registry Number)

REG   - RN
SAM   - Index Name, MF, and structure - no RN
FIDE   - All substance data, except sequence data
IDE   - FIDE, but only 50 names
SQIDE - IDE, plus sequence data
SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used
SQD   - Protein sequence data, includes RN
SQD3   - Same as SQD, but 3-letter amino acid codes are used
SQN   - Protein sequence name information, includes RN

CALC   - Table of calculated properties
EPROP - Table of experimental properties
PROP   - EPROP and CALC

Any CA File format may be combined with any substance format to
obtain CA references citing the substance. The substance formats
must be cited first. The CA File predefined formats are:

ABS -- Abstract

```
APPS -- Application and Priority Information
BIB  -- CA Accession Number, plus Bibliographic Data
CAN  -- CA Accession Number
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)
IND  -- Index Data
IPC  -- International Patent Classification
PATS -- PI, SO
STD  -- BIB, IPC, and NCL

IABS -- ABS, indented, with text labels
IBIB -- BIB, indented, with text labels
ISTD -- STD format, indented

OBIB -------- AN, plus Bibliographic Data (original)
OIBIB ------- OBIB, indented with text labels

SBIB -------- BIB, no citations
SIBIB ------- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when
it is available.
The MAX format is the same as ALL.
The IALL format is the same as ALL with BIB ABS and IND indented,
with text labels.

For additional information, please consult the following help
messages:

HELP DFIELDS -- To see a complete list of individual display fields.
HELP FORMATS -- To see detailed descriptions of the predefined formats.
ENTER DISPLAY FORMAT (IDE):end

=> d his

     (FILE 'HOME' ENTERED AT 11:30:32 ON 31 MAY 2008)

     FILE 'REGISTRY' ENTERED AT 11:30:51 ON 31 MAY 2008
                E DPAVBI
L1            1 S E3
                E BALQ
L2            1 S E3
                E DAPV
                E PAVB
L3            3 S E3
L4              STRUCTURE UPLOADED
L5           24 S L4 EXA FULL

     FILE 'CAPLUS' ENTERED AT 12:02:07 ON 31 MAY 2008
L6          150 S L5

     FILE 'REGISTRY' ENTERED AT 12:03:03 ON 31 MAY 2008

     FILE 'CAPLUS' ENTERED AT 12:03:07 ON 31 MAY 2008

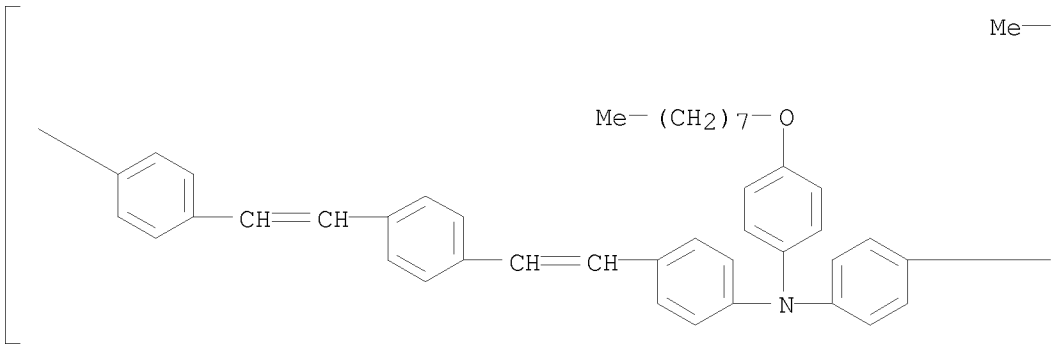
=> s l5 and mw<=1000
'1000' NOT A VALID FIELD CODE
           150 L5
             0 MW<=1000
L7           0 L5 AND MW<=1000

=> d l5
YOU HAVE REQUESTED DATA FROM FILE 'REGISTRY' - CONTINUE? (Y)/N:y
```

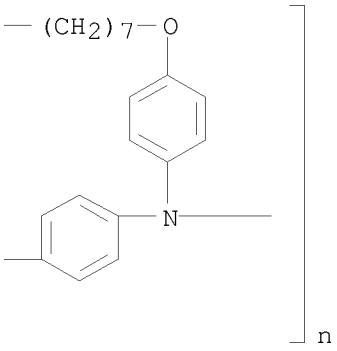
L5 ANSWER 1 OF 24 REGISTRY COPYRIGHT 2008 ACS on STN
RN 1021540-24-8 REGISTRY
ED Entered STN: 20 May 2008
    ITERATION INCOMPLETE
CN Poly[[[4-(octyloxy)phenyl]imino][1,1'-biphenyl]-4,4'-diyl[[4-(octyloxy)phenyl]imino]-1,4-phenylene-(1E)-1,2-ethenediyl-1,4-phenylene-(1E)-1,2-ethenediyl-1,4-phenylene] (CA INDEX NAME)
MF (C62 H66 N2 O2)n
CI PMS
PCT Polyamine
SR CA
LC STN Files: CA, CAPLUS

RELATED POLYMERS AVAILABLE WITH POLYLINK

PAGE 1-A



PAGE 1-B



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file registry
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION

```
FULL ESTIMATED COST                                    0.48     113.52

FILE 'REGISTRY' ENTERED AT 12:03:38 ON 31 MAY 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   30 MAY 2008  HIGHEST RN 1024110-44-8
DICTIONARY FILE UPDATES:  30 MAY 2008  HIGHEST RN 1024110-44-8

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=> d his

     (FILE 'HOME' ENTERED AT 11:30:32 ON 31 MAY 2008)

     FILE 'REGISTRY' ENTERED AT 11:30:51 ON 31 MAY 2008
                E DPAVBI
L1            1 S E3
                E BALQ
L2            1 S E3
                E DAPV
                E PAVB
L3            3 S E3
L4              STRUCTURE UPLOADED
L5           24 S L4 EXA FULL

     FILE 'CAPLUS' ENTERED AT 12:02:07 ON 31 MAY 2008
L6          150 S L5

     FILE 'REGISTRY' ENTERED AT 12:03:03 ON 31 MAY 2008

     FILE 'CAPLUS' ENTERED AT 12:03:07 ON 31 MAY 2008
L7            0 S L5 AND MW<=1000

     FILE 'REGISTRY' ENTERED AT 12:03:33 ON 31 MAY 2008

     FILE 'CAPLUS' ENTERED AT 12:03:34 ON 31 MAY 2008

     FILE 'REGISTRY' ENTERED AT 12:03:38 ON 31 MAY 2008

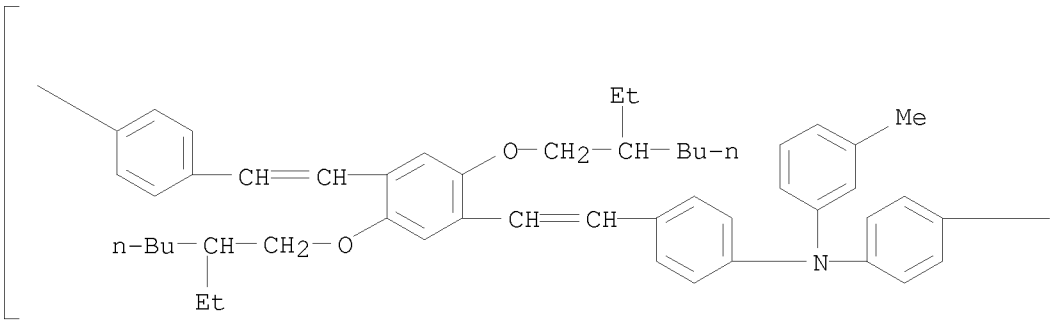
=> s l5 and mw<=1000
TERM 'MW<=1000' EXCEEDED TRUNCATION LIMITS - SEARCH ENDED
You have entered a truncated stem which occurs in too many terms.
Make the stem longer and try again.  For example, if your original
term was 'degr?' to search for variations and the abbreviation for
'degradation', you could replace it with the expression '(degrdn OR
```

degrad?)'. If your search term was numeric, e.g., 'C>5', reduce the size of the range.

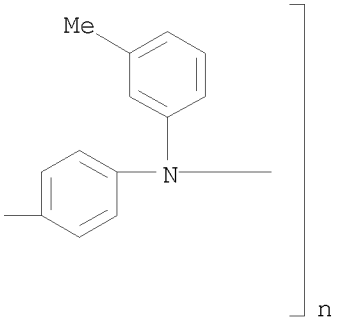
=> d l5 2-10

L5 ANSWER 2 OF 24 REGISTRY COPYRIGHT 2008 ACS on STN
RN 391257-48-0 REGISTRY
ED Entered STN: 11 Feb 2002
    ITERATION INCOMPLETE
CN Poly[[(3-methylphenyl)imino][1,1'-biphenyl]-4,4'-diyl[(3-methylphenyl)imino]-1,4-phenylene-1,2-ethenediyl[2,5-bis[(2-ethylhexyl)oxy]-1,4-phenylene]-1,2-ethenediyl-1,4-phenylene] (9CI) (CA INDEX NAME)
MF (C64 H70 N2 O2)n
CI PMS
PCT Polyamine
SR CA
LC STN Files: CA, CAPLUS

PAGE 1-A



PAGE 1-B

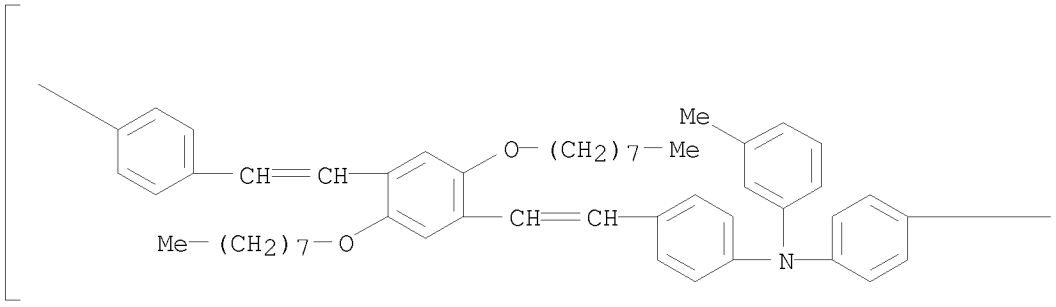


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

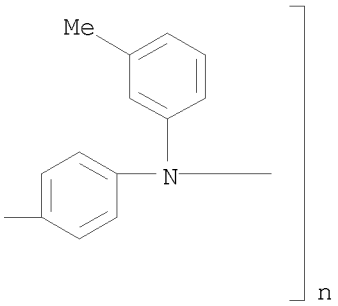
L5 ANSWER 3 OF 24 REGISTRY COPYRIGHT 2008 ACS on STN
RN 391257-47-9 REGISTRY
ED Entered STN: 11 Feb 2002
    ITERATION INCOMPLETE
CN Poly[[(3-methylphenyl)imino][1,1'-biphenyl]-4,4'-diyl[(3-methylphenyl)imino]-1,4-phenylene-1,2-ethenediyl[2,5-bis(octyloxy)-1,4-

phenylene]-1,2-ethenediyl-1,4-phenylene] (9CI) (CA INDEX NAME)
MF (C64 H70 N2 O2)n
CI PMS
PCT Polyamine
SR CA
LC STN Files: CA, CAPLUS

PAGE 1-A



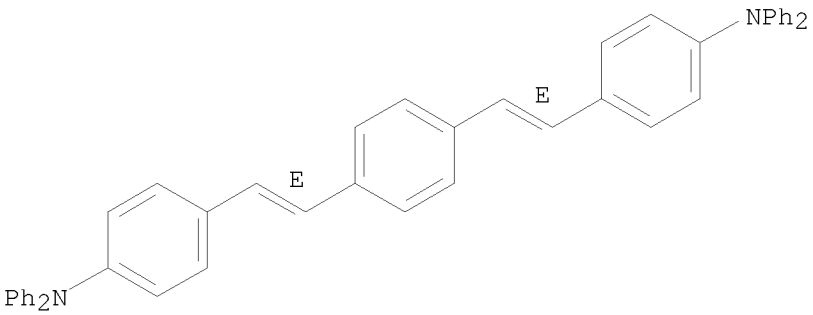
PAGE 1-B



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 4 OF 24 REGISTRY COPYRIGHT 2008 ACS on STN
RN 358374-59-1 REGISTRY
ED Entered STN: 24 Sep 2001
CN Benzenamine, 4,4'-[1,4-phenylenedi-(1E)-2,1-ethenediyl]bis[N,N-diphenyl-
    (CA INDEX NAME)
FS STEREOSEARCH
MF C46 H36 N2
SR CA
LC STN Files: CA, CAPLUS, CASREACT

Double bond geometry as shown.



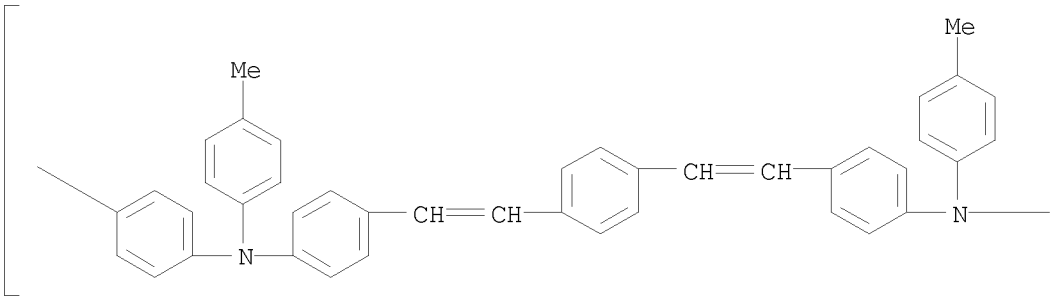
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

12 REFERENCES IN FILE CA (1907 TO DATE)
12 REFERENCES IN FILE CAPLUS (1907 TO DATE)

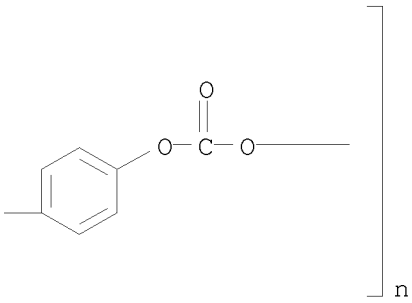
L5 ANSWER 5 OF 24 REGISTRY COPYRIGHT 2008 ACS on STN
RN 302597-78-0 REGISTRY
ED Entered STN: 13 Nov 2000
ITERATION INCOMPLETE
CN Poly[oxycarbonyloxy-1,4-phenylene[(4-methylphenyl)imino]-1,4-phenylene-1,2-ethenediyl-1,4-phenylene-1,2-ethenediyl-1,4-phenylene[(4-methylphenyl)imino]-1,4-phenylene] (9CI) (CA INDEX NAME)
MF (C49 H38 N2 O3)n
CI PMS
PCT Polyamine, Polycarbonate
SR CA
LC STN Files: CA, CAPLUS

RELATED POLYMERS AVAILABLE WITH POLYLINK

PAGE 1-A



PAGE 1-B

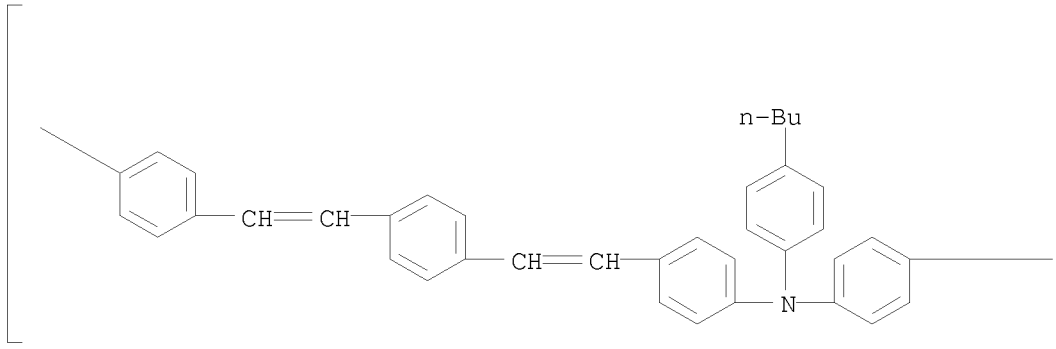


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

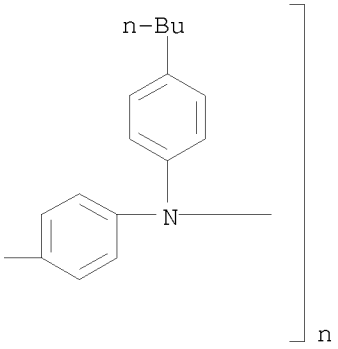
L5 ANSWER 6 OF 24 REGISTRY COPYRIGHT 2008 ACS on STN
RN 222310-67-0 REGISTRY
ED Entered STN: 07 May 1999
ITERATION INCOMPLETE
CN Poly[[(4-butylphenyl)imino][1,1'-biphenyl]-4,4'-diyl[(4-butylphenyl)imino]-1,4-phenylene-1,2-ethenediyl-1,4-phenylene-1,2-ethenediyl-1,4-phenylene] (9CI) (CA INDEX NAME)
MF (C54 H50 N2)n
CI PMS
PCT Polyamine
SR CA
LC STN Files: CA, CAPLUS

RELATED POLYMERS AVAILABLE WITH POLYLINK

PAGE 1-A



PAGE 1-B

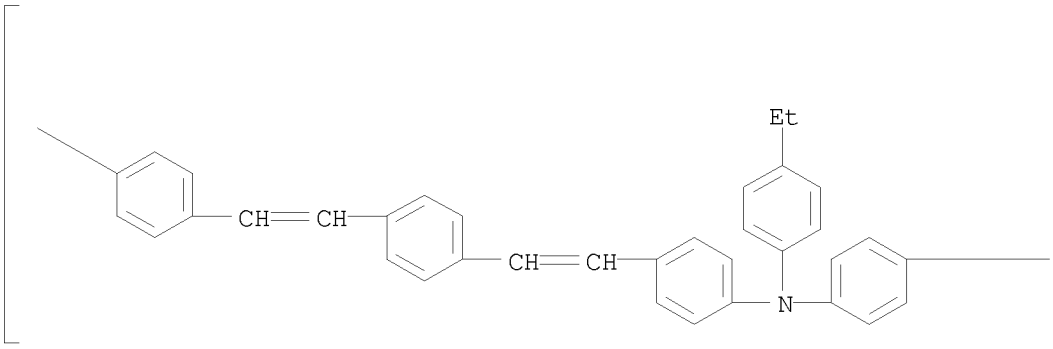


2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

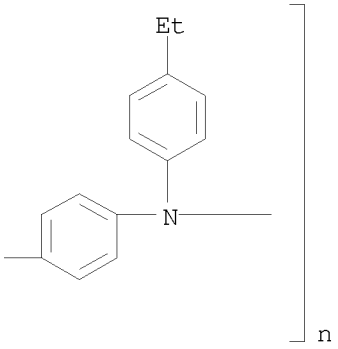
L5 ANSWER 7 OF 24 REGISTRY COPYRIGHT 2008 ACS on STN
RN 220995-54-0 REGISTRY
ED Entered STN: 06 Apr 1999
ITERATION INCOMPLETE
CN Poly[[(4-ethylphenyl)imino][1,1'-biphenyl]-4,4'-diyl[(4-ethylphenyl)imino]-1,4-phenylene-(1E)-1,2-ethenediyl-1,4-phenylene-(1E)-1,2-ethenediyl-1,4-phenylene] (9CI) (CA INDEX NAME)
MF (C50 H42 N2)n
CI PMS
PCT Polyamine
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

RELATED POLYMERS AVAILABLE WITH POLYLINK

PAGE 1-A



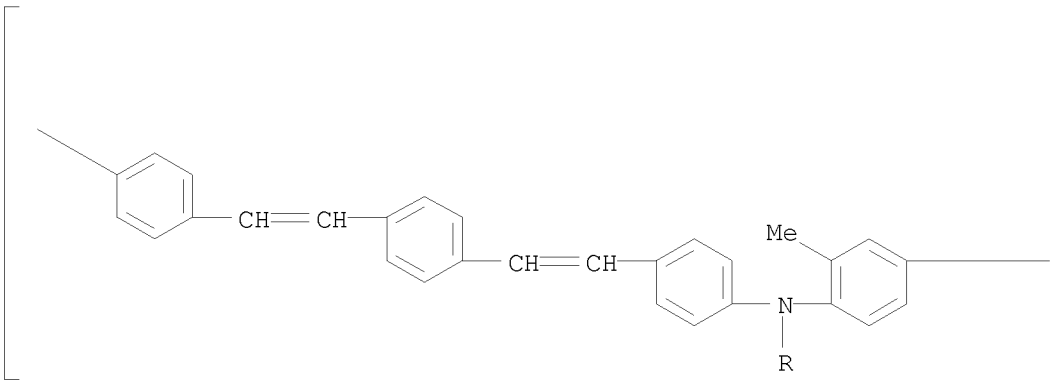
PAGE 1-B



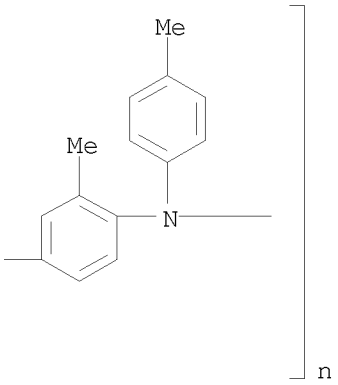
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 8 OF 24 REGISTRY COPYRIGHT 2008 ACS on STN
RN 217632-46-7 REGISTRY
ED Entered STN: 22 Jan 1999
ITERATION INCOMPLETE
CN Poly[[(4-methylphenyl)imino](3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)[(4-methylphenyl)imino]-1,4-phenylene-1,2-ethenediyl-1,4-phenylene-1,2-ethenediyl-1,4-phenylene] (9CI) (CA INDEX NAME)
MF (C50 H42 N2)n
CI PMS
PCT Polyamine
SR CA
LC STN Files: CA, CAPLUS

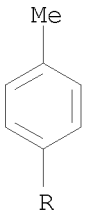
PAGE 1-A



PAGE 1-B



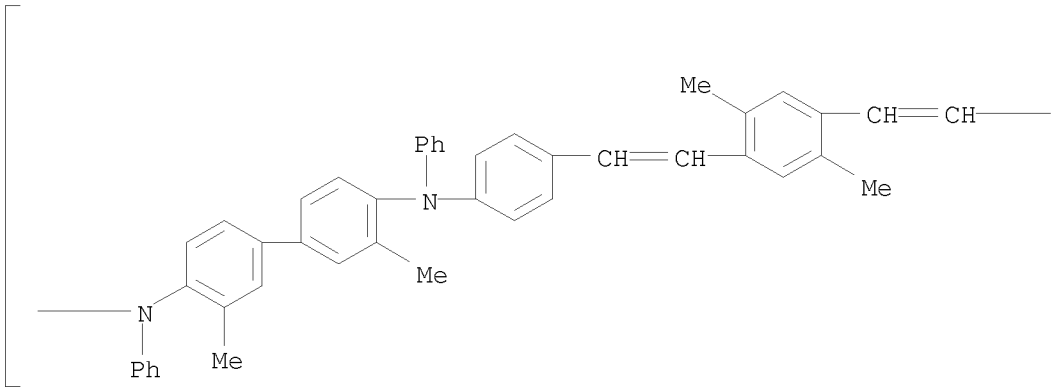
PAGE 2-A



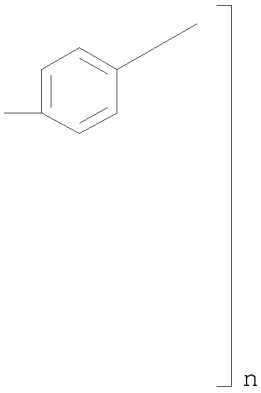
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 9 OF 24 REGISTRY COPYRIGHT 2008 ACS on STN
RN 217632-45-6 REGISTRY
ED Entered STN: 22 Jan 1999
ITERATION INCOMPLETE
CN Poly[(phenylimino)(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)(phenylimino)-1,4-phenylene-1,2-ethenediyl(2,5-dimethyl-1,4-phenylene)-1,2-ethenediyl-1,4-phenylene] (9CI) (CA INDEX NAME)
MF (C50 H42 N2)n
CI PMS
PCT Polyamine
SR CA
LC STN Files: CA, CAPLUS

PAGE 1-A



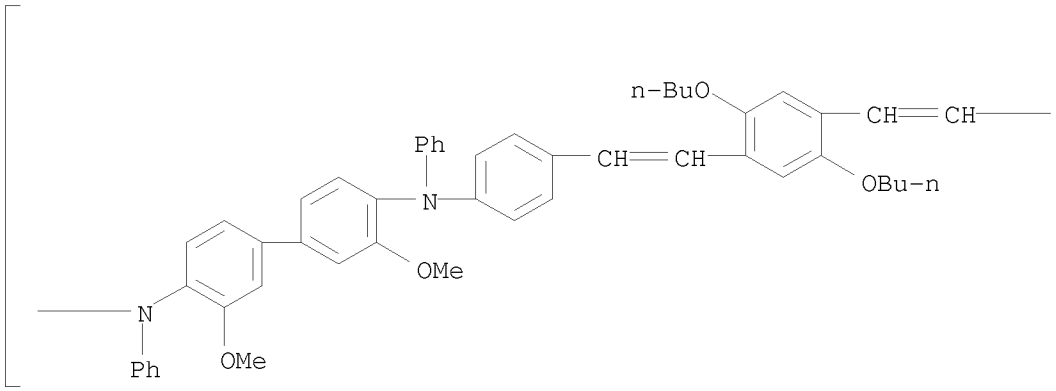
PAGE 1-B



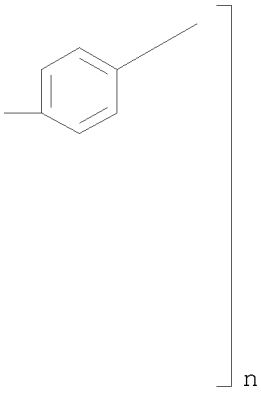
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 10 OF 24 REGISTRY COPYRIGHT 2008 ACS on STN
RN 217632-44-5 REGISTRY
ED Entered STN: 22 Jan 1999
ITERATION INCOMPLETE
CN Poly[(phenylimino)(3,3'-dimethoxy[1,1'-biphenyl]-4,4'-diyl)(phenylimino)-1,4-phenylene-1,2-ethenediyl(2,5-dibutoxy-1,4-phenylene)-1,2-ethenediyl-1,4-phenylene] (9CI) (CA INDEX NAME)
MF (C56 H54 N2 O4)n
CI PMS
PCT Polyamine
SR CA
LC STN Files: CA, CAPLUS

PAGE 1-A



PAGE 1-B



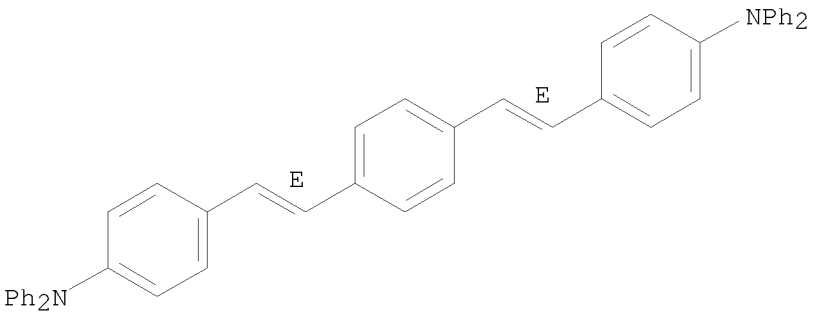
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

```
=> s 358374-59-1/rn
L8           1 358374-59-1/RN

=> d l8

L8   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2008 ACS on STN
RN   358374-59-1  REGISTRY
ED   Entered STN:  24 Sep 2001
CN   Benzenamine, 4,4'-[1,4-phenylenedi-(1E)-2,1-ethenediyl]bis[N,N-diphenyl-
     (CA INDEX NAME)
FS   STEREOSEARCH
MF   C46 H36 N2
SR   CA
LC   STN Files:   CA, CAPLUS, CASREACT

Double bond geometry as shown.
```



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

12 REFERENCES IN FILE CA (1907 TO DATE)
12 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d l8 prop

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN

Experimental Properties (EPROP)

PROPERTY (CODE)	VALUE	CONDITION	NOTE
Melting Point (MP)	210-211 deg C	Solv: dichloromethane (75-09-2), methanol (67-56-1)	(1) CAS

(1) Plater, M. John; Tetrahedron 2003 V59(25) P4673-4685 CAPLUS

Experimental Property Tags (ETAG)

PROPERTY	NOTE
Electric Current-Potential Curve	(1) CAS
IR Absorption Spectra	(1) CAS
Proton NMR Spectra	(1) CAS
UV and Visible Absorption Spectra	(2) CAS
1 more tag shown in the MAX or ETAGFULL formats	
UV and Visible Emission/Luminescence Spectra	(1) CAS
1 more tag shown in the MAX or ETAGFULL formats	

(1) Ye, Wei; Fudan Xuebao, Ziran Kexueban 2001 V40(4) P404-407 CAPLUS
(2) Zhang, Yingfang; Applied Physics Letters 2006 V88(22) P223508/1-223508/3 CAPLUS

Predicted Properties (PPROP)

PROPERTY (CODE)	VALUE	CONDITION	NOTE
Bioconc. Factor (BCF)	1000000.0	pH 1 25 deg C	(1)
Bioconc. Factor (BCF)	1000000.0	pH 2 25 deg C	(1)
Bioconc. Factor (BCF)	1000000.0	pH 3 25 deg C	(1)
Bioconc. Factor (BCF)	1000000.0	pH 4 25 deg C	(1)

Bioconc. Factor (BCF)	1000000.0	pH 5 25 deg C	(1)
Bioconc. Factor (BCF)	1000000.0	pH 6 25 deg C	(1)
Bioconc. Factor (BCF)	1000000.0	pH 7 25 deg C	(1)
Bioconc. Factor (BCF)	1000000.0	pH 8 25 deg C	(1)
Bioconc. Factor (BCF)	1000000.0	pH 9 25 deg C	(1)
Bioconc. Factor (BCF)	1000000.0	pH 10 25 deg C	(1)
Boiling Point (BP)	776.3+/-60.0 deg C	760 Torr	(1)
Density (DEN)	1.190+/-0.06 g/cm**3	20 deg C	(1)
		760 Torr	
Enthalpy of Vap. (HVAP)	112.98+/-3.0 kJ/mol	760 Torr	(1)
Flash Point (FP)	339.8+/-20.7 deg C		(1)
Freely Rotatable Bonds (FRB)	10		(1)
H acceptors (HAC)	2		(1)
H donors (HD)	0		(1)
Hydrogen Donors/Acceptors Sum (HDAS)	2		(1)
Koc (KOC)	10000000.0	pH 1 25 deg C	(1)
Koc (KOC)	10000000.0	pH 2 25 deg C	(1)
Koc (KOC)	10000000.0	pH 3 25 deg C	(1)
Koc (KOC)	10000000.0	pH 4 25 deg C	(1)
Koc (KOC)	10000000.0	pH 5 25 deg C	(1)
Koc (KOC)	10000000.0	pH 6 25 deg C	(1)
Koc (KOC)	10000000.0	pH 7 25 deg C	(1)
Koc (KOC)	10000000.0	pH 8 25 deg C	(1)
Koc (KOC)	10000000.0	pH 9 25 deg C	(1)
Koc (KOC)	10000000.0	pH 10 25 deg C	(1)
LOGD (LOGD)	14.49	pH 1 25 deg C	(1)
LOGD (LOGD)	14.49	pH 2 25 deg C	(1)
LOGD (LOGD)	14.49	pH 3 25 deg C	(1)
LOGD (LOGD)	14.49	pH 4 25 deg C	(1)
LOGD (LOGD)	14.49	pH 5 25 deg C	(1)
LOGD (LOGD)	14.49	pH 6 25 deg C	(1)
LOGD (LOGD)	14.49	pH 7 25 deg C	(1)
LOGD (LOGD)	14.49	pH 8 25 deg C	(1)
LOGD (LOGD)	14.49	pH 9 25 deg C	(1)
LOGD (LOGD)	14.49	pH 10 25 deg C	(1)
LOGP (LOGP)	14.491+/-0.467	25 deg C	(1)
Mass Intrinsic Solubility (ISLB.MASS)	0.0000000014 g/L	25 deg C	(1)
Mass Solubility (SLB.MASS)	0.0000000014 g/L	pH 1 25 deg C	(1)
Mass Solubility (SLB.MASS)	0.0000000014 g/L	pH 2 25 deg C	(1)
Mass Solubility (SLB.MASS)	0.0000000014 g/L	pH 3 25 deg C	(1)
Mass Solubility (SLB.MASS)	0.0000000014 g/L	pH 4 25 deg C	(1)
Mass Solubility (SLB.MASS)	0.0000000014 g/L	pH 5 25 deg C	(1)
Mass Solubility (SLB.MASS)	0.0000000014 g/L	pH 6 25 deg C	(1)
Mass Solubility (SLB.MASS)	0.0000000014 g/L	pH 7 25 deg C	(1)
Mass Solubility (SLB.MASS)	0.0000000014 g/L	pH 8 25 deg C	(1)
Mass Solubility (SLB.MASS)	0.0000000014 g/L	pH 9 25 deg C	(1)
Mass Solubility (SLB.MASS)	0.0000000014 g/L	pH 10 25 deg C	(1)
Mass Solubility (SLB.MASS)	0.0000000014 g/L	Unbuffered Water	(1)
		pH 7.00	
		25 deg C	
Molar Intrinsic Solubility (ISLB.MOL)	0.0000000000022 mol/L	25 deg C	(1)
Molar Solubility (SLB.MOL)	0.0000000000022 mol/L	pH 1 25 deg C	(1)
Molar Solubility (SLB.MOL)	0.0000000000022 mol/L	pH 2 25 deg C	(1)
Molar Solubility (SLB.MOL)	0.0000000000022 mol/L	pH 3 25 deg C	(1)
Molar Solubility (SLB.MOL)	0.0000000000022 mol/L	pH 4 25 deg C	(1)
Molar Solubility (SLB.MOL)	0.0000000000022 mol/L	pH 5 25 deg C	(1)
Molar Solubility (SLB.MOL)	0.0000000000022 mol/L	pH 6 25 deg C	(1)
Molar Solubility (SLB.MOL)	0.0000000000022 mol/L	pH 7 25 deg C	(1)
Molar Solubility (SLB.MOL)	0.0000000000022 mol/L	pH 8 25 deg C	(1)

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Molar Solubility (SLB.MOL)   |0.0000000000022 mol/L|pH 9  25 deg C  |(1)
Molar Solubility (SLB.MOL)   |0.0000000000022 mol/L|pH 10 25 deg C  |(1)
Molar Solubility (SLB.MOL)   |0.0000000000022 mol/L|Unbuffered Water|(1)
                             |                     |pH 7.00         |
                             |                     |25 deg C        |
Molar Volume (MVOL)          |518.1+/-3.0 cm**3/mol|20 deg C        |(1)
                             |                     |760 Torr        |
Molecular Weight (MW)        |616.79               |                |(1)
PKA (PKA)                    |-2.52+/-0.60         |Most Basic      |(1)
                             |                     |25 deg C        |
Polar Surface Area (PSA)     |6.48 A**2            |                |(1)
Vapor Pressure (VP)          |4.90E-24 Torr        |25 deg C        |(1)
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(1) Calculated using Advanced Chemistry Development (ACD/Labs) Software V8.19 ((C) 1994-2008 ACD/Labs)

See HELP PROPERTIES for information about property data sources in REGISTRY.

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=> d his

     (FILE 'HOME' ENTERED AT 11:30:32 ON 31 MAY 2008)

     FILE 'REGISTRY' ENTERED AT 11:30:51 ON 31 MAY 2008
                E DPAVBI
L1              1 S E3
                E BALQ
L2              1 S E3
                E DAPV
                E PAVB
L3              3 S E3
L4                STRUCTURE UPLOADED
L5             24 S L4 EXA FULL

     FILE 'CAPLUS' ENTERED AT 12:02:07 ON 31 MAY 2008
L6            150 S L5

     FILE 'REGISTRY' ENTERED AT 12:03:03 ON 31 MAY 2008

     FILE 'CAPLUS' ENTERED AT 12:03:07 ON 31 MAY 2008
L7              0 S L5 AND MW<=1000

     FILE 'REGISTRY' ENTERED AT 12:03:33 ON 31 MAY 2008

     FILE 'CAPLUS' ENTERED AT 12:03:34 ON 31 MAY 2008

     FILE 'REGISTRY' ENTERED AT 12:03:38 ON 31 MAY 2008
L8              1 S 358374-59-1/RN

=> d l8 etagfull

L8   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2008 ACS on STN

Experimental Property Tags (ETAG)

                  PROPERTY                    | NOTE
==============================================+=======
Electric Current-Potential Curve              |(1) CAS
IR Absorption Spectra                         |(1) CAS
Proton NMR Spectra                            |(1) CAS
UV and Visible Absorption Spectra             |(2) CAS
```

UV and Visible Absorption Spectra |(3) CAS
UV and Visible Emission/Luminescence Spectra|(1) CAS
UV and Visible Emission/Luminescence Spectra|(2) CAS

(1) Ye, Wei; Fudan Xuebao, Ziran Kexueban 2001 V40(4) P404-407 CAPLUS
(2) Zhang, Yingfang; Applied Physics Letters 2006 V88(22) P223508/1-223508/3 CAPLUS
(3) Drobizhev, M.; Journal of Luminescence 2005 V111(4) P291-305 CAPLUS

See HELP PROPERTIES for information about property data sources in REGISTRY.

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